



Dart Aerospace Ltd.  
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**RBE350A93-3713-00****Job Sheet 195068****Part No:** RBE350A93-3713-00**Job Qty:** 1 pcs**Part Name:** Block Assembly, Adjustment**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 5/13/19**Job Tracking No:****Due Date:** 7/2/19**Created By:** Marie Lajeunesse**Type:** SOLD**Description:** *order 11876***Note:** DWG RBE350A93-3713-00 Rev B IPP Rev. A 19.04.23 New issue DP Verify DD**Ship Via:****Bill of Materials****Container No:** S199221**Part:** RBE350A93-3713-00**Job No:** 195068**Serial No/Batch:** S199221**Revision:** B**Inspector:****Exp Date:****Instructions:**

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**Date:** 07/19/19

## Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |             | Sign-off                |
|-------|-----------------------------|-------|------------|----------|-----------|---------|------------------------|-------------|-------------------------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time   |                         |
| 100   | Small Fab - 1               | 1 pcs | 7/2/19     |          | 0.00      | 0.20    | Small Fab - 1          |             | MLL                     |
|       |                             |       |            |          |           |         | Small Fab - 2          |             |                         |
|       |                             |       |            |          |           |         | Small Fab - 3          |             |                         |
|       |                             |       |            |          |           |         | Small Fab - 4          |             |                         |
|       |                             |       |            |          |           |         | Small Fab - 5          |             |                         |
|       |                             |       |            |          |           |         | Small Fab - 6          |             |                         |
|       |                             |       |            |          |           |         | Small Fab - 7          |             |                         |
| 110   | QC 5                        | 1 pcs | 7/2/19     |          | 0.00      | 0.00    | QC 5 - 10              |             | JUL 19 2019             |
|       |                             |       |            |          |           |         | QC 5 - 12              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 17              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 18              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 19              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 22              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 24              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 3               |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 43              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 49              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 51              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 58              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 68              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 9               | DAS 81 9-80 |                         |
|       |                             |       |            |          |           |         | QC 5 - 50              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 30              |             |                         |
|       |                             |       |            |          |           |         | QC 5 - 40              |             |                         |
| 120   | Packaging 3-1 - Stock - B4B | 1 pcs | 7/2/19     |          | 0.00      | 0.00    | Packaging 3 - 1 - B4B  |             | Dara M GA 143           |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 8 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 9 - B4B  |             |                         |
|       |                             |       |            |          |           |         | Packaging 3 - 10 - B4B |             |                         |
| 130   | QC 21 - FG                  | 1 pcs | 7/2/19     |          | 0.00      | 0.00    | QC 21 - FG - 21        |             | DAS JUL 19 2019 21 9-80 |
|       |                             |       |            |          |           |         | QC 21 - FG - 70        |             |                         |
|       |                             |       |            |          |           |         | QC 21 - SA - 53        |             |                         |

Part Op  
Descriptions: 100 - Assemble as per DWG.

## Job BOM

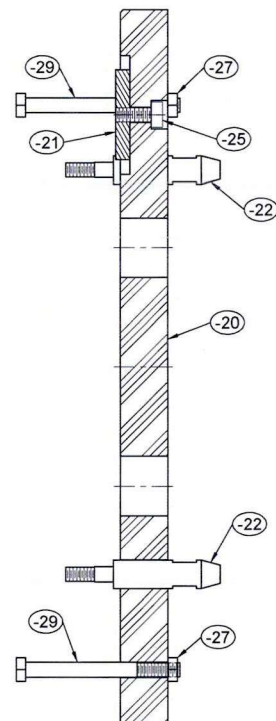
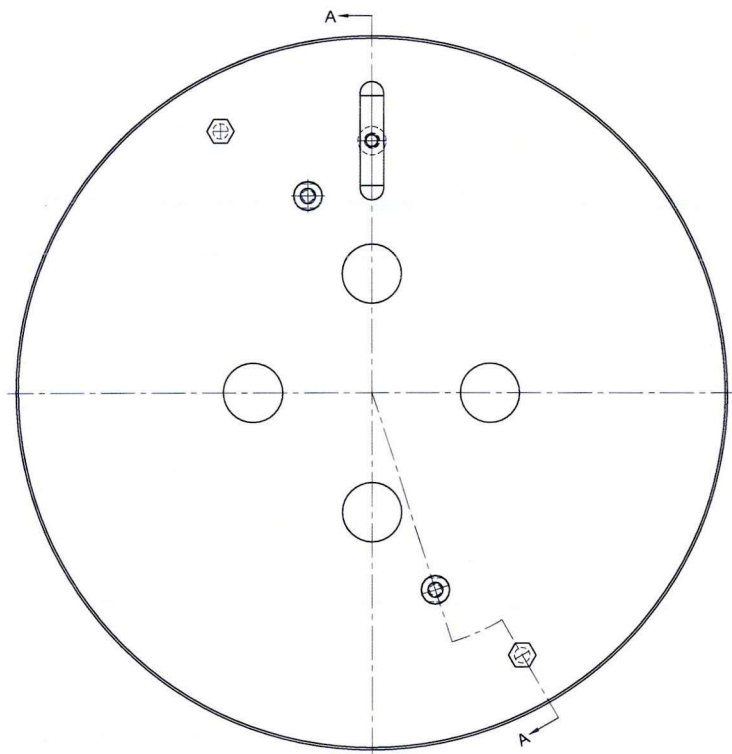
| Part / Item          | Component Name                     | Quantity     | Operation         | Container |
|----------------------|------------------------------------|--------------|-------------------|-----------|
| 90685A043            | Nut, M6 X 1                        | 2 Ea (2 ea)  | 100-Small Fab - 1 | 5183008   |
| 91290A318            | Socket Head Cap Screw, M6 X 1 X 12 | 1 Ea (1 ea)  | 100-Small Fab - 1 | 5183012   |
| 91290A346            | Socket Head Cap Screw, M6 X 1 X 65 | 2 Ea (2 ea)  | 100-Small Fab - 1 | 5183013   |
| RBE350A93-3713-00-20 | Pedestal                           | 1 pcs (1 ea) | 100-Small Fab - 1 | 5191192   |
| RBE350A93-3713-00-21 | Mount                              | 1 pcs (1 ea) | 100-Small Fab - 1 | 5185238   |
| RBE350A93-3713-00-22 | Alignment Pin                      | 2 pcs (2 ea) | 100-Small Fab - 1 | 5189527   |

| Job Allocations                    |                      |          |           |           |
|------------------------------------|----------------------|----------|-----------|-----------|
| Operation                          | Component Part       | Required | Inventory | Allocated |
| 100-Small Fab - 1                  | 90685A043            | 2        | 0         | 0         |
|                                    | 91290A318            | 1        | 0         | 0         |
|                                    | 91290A346            | 2        | 0         | 0         |
|                                    | RBE350A93-3713-00-20 | 1        | 0         | 0         |
|                                    | RBE350A93-3713-00-21 | 1        | 0         | 0         |
|                                    | RBE350A93-3713-00-22 | 2        | 0         | 0         |
| Part Specifications                |                      |          |           |           |
| Specifications could not be found. |                      |          |           |           |

Plex 5/13/19 3:15 PM Dart.lajeunesse.marie

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| REVISIONS |         |                                                                                                                        |          |         |          |
|-----------|---------|------------------------------------------------------------------------------------------------------------------------|----------|---------|----------|
| REV       | EDR     | DESCRIPTION                                                                                                            | DATE     | INITIAL | APPROVED |
| A         |         | CHD T/N WAS RBEA93-3713-00 IS RBE350A93-3713-00, MOVED 21 & 22 TO SEPARATE SHEETS. -28 B/O INFO CHD M6X1X15 TO M6X1X12 | 5/27/14  | DJN     | RJC      |
| B         | 14-0189 | CHD TITLEBLOCK WAS RED BARN IS DART. ADDED VENDER P/N TO B/O ITEMS. -27 CHD FROM PLAIN TO BLACK.                       | 10/15/14 | DJN     | JAG      |



SECTION A-A

SHOP COPY  
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WITHOUT NOTICE  
WORK ORDER  
NO. 1950681405

19-05-14

| ASSY QTY |  | BO | PART #  | QTY | DESCRIPTION           | MATERIAL    | B/O INFORMATION OR SPECIFICATIONS    | Pg | TITLE                                                                                                                                                                                                                                          |  | DRAWN BY:                                                                                                                                                                                                                                                                                                                                                                                          | PERRITT |
|----------|--|----|---------|-----|-----------------------|-------------|--------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|          |  |    | -20     | 1   | PEDISTAL              | 6061        | Ø12 X 1                              | 2  | <div></div> <div><b>ASSEMBLY SUPPORT FIXTURE</b></div> <div><b>DWG NO. RBE350A93-3713-00</b></div> <div><b>REV B</b></div>                                                                                                                     |  | <div><b>UNLESS OTHERWISE SPECIFIED</b></div> <div><b>DIMENSIONS ARE IN INCHES</b></div> <div><b>FRACTIONS 1/8</b></div> <div><b>ANGLES 1.5°</b></div> <div><b>HEAT TREAT</b></div> <div><b>FINISH</b></div> <div><b>SPEC</b></div> <div><b>USED ON MODEL</b></div> <div><b>015-45 OR 015-5</b></div> <div><b>2 DIMENSIONAL LIMITS APPLY AFTER PLATING</b></div> <div><b>EUROCOMPOT E350A</b></div> |         |
|          |  |    | -21     | 1   | MOUNT                 | 4140        | 1/4 X 1/2 X 1-5/8                    | 3  |                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                    |         |
|          |  |    | -22     | 2   | ALIGNMENT PIN         | 4140        | Ø1/2 X 2-3/4                         | 4  |                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                    |         |
|          |  |    | B/O -25 | 1   | SOCKET HEAD CAP SCREW | STEEL BLACK | M6 X 1 X 12 MCMaster-CARR #91290A318 | 1  |                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                    |         |
|          |  |    | B/O -27 | 2   | NUT                   | STEEL BLACK | M6 X 1 MCMaster-CARR #90685A043      | 1  | <div><b>UNLESS OTHERWISE SPECIFIED</b></div> <div><b>1. BREAK ALL SHARP EDGES</b></div> <div><b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b></div> <div><b>SCALE 1:2</b></div> <div><b>DATE 12-21-09</b></div> <div><b>SHEET 1 of 4</b></div> |  |                                                                                                                                                                                                                                                                                                                                                                                                    |         |
|          |  |    | B/O -29 | 2   | SOCKET HEAD CAP SCREW | STEEL BLACK | M6 X 1 X 65 MCMaster-CARR #91290A346 | 1  |                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                    |         |



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                      |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
| <b>Root Cause</b><br><br><div style="display: flex;"> <div style="flex: 1;">           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Presservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div style="flex: 1;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="flex: 1;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="flex: 1;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |